

Amendments to the Specification:

Please amend the specification as follows:

Page 9, please amend the paragraph beginning at line 6 as follows:

Figure 7 illustrates an apparatus of a second preferred embodiment of the invention, in use. In this embodiment, the ablating apparatus 13 is a mechanical ablation apparatus comprising single or multiple sharp microtome blades 40 mounted on piezo-electric pressure transducers 34, for feedback control of pressure applied and therefore depth incised (along the z-axis, as described below). The pressure transducer(s) 34 are in turn mounted on a MEMS (micro-electro-mechanical system) 33 to control the length and direction of incision (along the x and y axes). The ablating controller 14, in response to signals from the survey controller 12, thus controls the movement of the blade(s) 40 in three dimensions (x, y and z directions) to perform appropriate ablation (cutting).

Page 9, please amend the paragraph beginning at line 17, as follows:

In particular, as shown in Figure 7, a pressure feedback analyser 35 is responsive to the pressure transducers 34 and provides data to a depth controller 36. The OCT system 20 and image analyser and feedback analyser 22 (which correspond to the same parts of the embodiment of Figure 6) provide data to an x-y movement planner 37. The data from the x-y movement planner 37 and the depth controller 36 are provided to a movement integrator 38 which controls a mechanical arm control system 39 of the ablating apparatus 14. The movement of the blade(s) 40 is thereby accurately controlled in three dimensions.